

related test method	<b>EN 1363-1: 1999 Fire resistance tests – Part 1: General requirements</b>
subject	<b>Testing specimens which have a clear opening into the furnace</b>
reference of original query	TC2 N263rev4 Helpdesk 2000-16, TC2 N301rev1

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## Problem

A problem can arise when performing fire resistance tests on specimens which have a clear opening into the furnace. The temperature rise on the unexposed face from the ignition of burners may be so rapid that the unexposed face temperature immediately exceeds 50°C. If this occurs, it is unclear as to what temperature should be recorded as the initial average temperature (ambient or 50°C?) and also when the test shall be deemed to have started (when the burners are lit or when 50°C is reached?)

## Recommendation

For all specimens, including those which have a clear opening into the furnace, it is agreed that:

- EGOLF members shall follow EN 1363-1 and record the initial temperatures **BEFORE** the burners are lit [according to § 10.3 of EN 1363-1].
- EGOLF members shall consider that the commencement of the test is when any furnace thermocouple reaches 50°C [according to § 10.3 of EN 1363-1].

